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XP-002286745

AN - 2001-285372 [30]

AP - JP19990188615 19990702

CPY - FUMK

DC - B05 D21 E19 P34

DR - 0095-U 0245-U 1017-U 1036-U 1614-U

FS - CPI;GMPI

IC - A01N31/02; A61L2/18

- MC B04-A10 B04-L05B B04-N02 B04-N04 B06-D02 B07-D04A B10-A17 B10-A22 B10-E02 B10-E04A B10-E04D B12-M07 B14-A01 B14-A04 B14-N06A D08-A D08-A05 E06-D02 E07-D04A E10-A17B E10-A22A E10-E02E1 E10-E02F1 E10-E04L2 E10-E04M1
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 - [09] M423 M431 M782 M905 P220 P241 P912 R023; RA00H1-K RA00H1-T RA00H1-M
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 - [13] M423 M431 M782 M905 P220 P241 P912 R023; RA25DU-K RA25DU-T RA25DU-M
 - [14] M423 M431 M782 M905 P220 P241 P912 R023; RA02ZP-K RA02ZP-T RA02ZP-M
 - [15] M423 M431 M782 M905 P220 P241 P912 R023; RA2WV5-K RA2WV5-T RA2WV5-M
- M2 [01] G015 G019 G100 H4 H401 H441 H5 H541 H6 H602 H609 H643 H8 M1 M121 M141 M280 M320 M414 M431 M510 M520 M532 M540 M782 M904 M905 M910 P220 P241 P912 R023; R01614-K R01614-T R01614-M; 1614-U
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R04126-K R04126-T R04126-M R07367-K R07367-T R07367-M

- M3 [01] G015 G019 G100 H4 H401 H441 H5 H541 H6 H602 H609 H643 H8 M1 M121 M141 M280 M320 M414 M431 M510 M520 M532 M540 M782 M904 M905 M910 P220 P241 P912 R023; R01614-K R01614-T R01614-M; 1614-U
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 - [07] G036 G571 H4 H401 H461 H8 J5 J561 M210 M213 M232 M240 M281 M320 M415 M431 M510 M520 M530 M541 M782 M904 M905 P220 P241 P912 R023; R04126-K R04126-T R04126-M R07367-K R07367-T R07367-M
- PA (FUMK) FUMAKILA KK
- PN JP2001010904 A 20010116 DW200130 A01N31/02 005pp
- PR JP19990188615 19990702
- XA C2001-087264
- XIC A01N-031/02; A61L-002/18
- XP N2001-203615
- AB JP2001010904 NOVELTY A disinfectant contains 30-100% of ethyl alcohol mixed with anti-microbial agent(s).
 - ACTIVITY Antibacterial. (In weight %) A stock solution of a disinfectant was prepared by dissolving ethanol (30), pyridine cetyl chloride (0.004) and grapefruit seed extract (0.001) along with traces of a flavoring agent, in water (to 100). The obtained liquid was contacted with a microbial solution containing Streptococcus aureus, Escherichia coli and Streptococcus mutans. The result confirmed transition of the number of the microbes in 30 seconds.
 - MECHANISM OF ACTION None given.
 - USE For disinfecting oral cavity tools such as toothbrush (claimed) and other sanitary fixtures for oral cavity such as dental floss, and interdentium brush, etc. To prevent dental caries.
 - ADVANTAGE The disinfectant effectively inhibits propagation of fungi and bacteria such as Streptococcus aureus, Escherichia coli and Streptococcus mutans in the oral cavity tools. The alcohol which is the principal component of the disinfectant having high permeability, prevents the origin of locks of hair on the brush and eliminates microbes, but does not cause skin irritation. The disinfectant dries easily, can be effectively sterilized and diluted with water and/or alcohol. The flavoring agent with the antimicrobial agent enhances the

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antimicrobial activity. The disinfectant can be directly sprayed into the oral cavity to prevent dental caries. The disinfectant is highly safe (even if accidentally swallowed).

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DRL - 1614-U 0095-U 0245-U 1036-U 1017-U

IW - DISINFECT ORAL CAVITY TOOL TOOTH BRUSH CONTAIN PRESET AMOUNT ETHYL ALCOHOL MIX ANTI MICROBE AGENT

IKW - DISINFECT ORAL CAVITY TOOL TOOTH BRUSH CONTAIN PRESET AMOUNT ETHYL ALCOHOL MIX ANTI MICROBE AGENT

NC - 001

OPD - 1999-07-02

ORD - 2001-01-16

PAW - (FUMK) FUMAKILA KK

TI - Disinfectant for oral cavity tools such as tooth brush, contains preset amount of ethyl alcohol mixed with anti-microbial agent(s)

3NSDOCID: <XP____2286745A_I_>

DISINFECTANT FOR ORAL CARE GOOD

Patent Number:

JP2001010904

Publication date:

2001-01-16

Inventor(s):

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Applicant(s):

FUMAKILLA LTD

Requested Patent:

JP2001010904

Application Number: JP19990188615 19990702

Priority Number(s):

IPC Classification:

A01N31/02; A61L2/18

EC Classification:

Equivalents:

Abstract

PROBLEM TO BE SOLVED: To obtain a disinfectant removing bacteria and suppressing mold generation and bacteria propagation in any handling of oral care goods e.g. toothbrush or even under any

SOLUTION: This disinfectant for oral sanitary goods comprises 30-100 wt.% ethanol solution containing at least a disinfectant e.g. cetylpyridinium chloride.

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